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(54) Title: COLLAGEN MIMICS

(57) Abstract: Novel peptidomimetics are provided, which mimic collagen. Molecular structures of interest include for imparting the collagen-mimicking property are each of: Gly- $\Psi[(E)CH=C]$ -Xaa-Yaa; Gly-Xaa- $\Psi[(E)CH=C]$ -Yaa; Gly-Xaa- $\Psi[(E)CH=C]$ -Yaa; Gly-Xaa- $\Psi[(E)CH=C]$ -Yaa- $\Psi[(E)CH=C]$ -Yaa-

